

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	1	("5042895").PN.	USPAT; USOCR	OR	OFF	2009/08/12 16:17
L8	5	process controller with discrete\$2 with continuous\$2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 16:45
L9	334	digital with analog with power controller	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 16:52
L10	151	digital with analog with power controller and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 16:52
L11	1	discrete\$2 with continuous\$2 with power controller and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 16:57
L12	1	discrete\$2 with digital with power controller and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 16:58
L13	769	discrete\$2 with digital with controller and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 16:59
L14	245	discrete\$2 with continuous\$2 with controller and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 16:59
L15	32	discrete\$2 with continuous\$2 with controller with process \$3 and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 16:59

L16	1514	pulsed plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 17:48
L17	195	pulsed plasma and PECVD	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 17:49
L18	81	pulsed plasma and PECVD and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 17:49
L19	11	pulsed plasma and PECVD and discrete and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 17:49
S1	2	"US 20050220984"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/03 14:35
S2	2	"US 20050220984"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/03 14:35
S4	3	((("5643638") or ("5042895") or ("5946542"))).PN.	USPAT; USOCR	OR	OFF	2009/08/03 14:47
S5	6	plasma with (vapor deposition or CVD or PVD or PECVD or MOCVD) and (silane or sih4 or "sih.sub.4") and (ellipsomet\$3 or reflectomet\$3) with "in situ"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/03 15:46
S6	2	"20020126283".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 13:55

S7	74	("20020024668"   "4379040"   "4588942"   "4957605"   "5042951"   "5091320"   "5126028"   "5131652"   "5131752"   "5223356"   "5354575"   "5494697"   "5503707"   "5665214"   "6081334"   "6504608").PN. OR ("5665214"   "5955139"   "6868312").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/04 13:59
S8	451	(RF or plasma or microwave) with (power or energy) with (refract\$4 near4 index)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 14:40
S9	5	S7 and S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 14:40
S10	166	(RF or plasma or microwave) with (power or energy) with (refract\$4 near4 index) and waveguide	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 15:44
S11	73	(RF or plasma or microwave) with (power or energy) with (refract\$4 near4 index) and waveguide and wafer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 15:44

S12	60	("20020055801"   "20020075488"   "20020083401"   "20030113085"   "20060258062"   "5042895"   "5271264"   "5467883"   "5479340"   "5578161"   "5643638"   "5653894"   "5654903"   "5737496"   "5807761"   "5821502"   "5846373"   "5910011"   "5946542"   "0522023"   "6051284"   "6052183"   "6068783"   "6146492"   "6160621"   "6326794"   "6348419"   "6353210"   "6413867"   "6633831"   "7092602").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 15:46
S13	41	(RF or plasma or microwave) with (power or energy) with (refract\$4 near4 index) and waveguide and silane	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 15:48
S14	28	(RF or plasma or microwave) with (power or energy) with (refract\$4 near4 index) and waveguide with silicon and micron	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:24
S15	2750	waveguide with silicon and micron	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:25

S16	853	waveguide with (silane or silicon) with (oxide or nitride or oxynitride) and micron	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:25
S17	316	waveguide with (silane or silicon) with (oxide or nitride or oxynitride) and PECVD	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:26
S18	89	waveguide with (silane or silicon) with (oxide or nitride or oxynitride) and PECVD and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:26
S19	57	waveguide with (silane or silicon) with (oxide or nitride or oxynitride) and PECVD and silane and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:27
S20	86	waveguide with (silane or silicon) with (oxide or nitride or oxynitride) and PECVD and refraction and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:28
S21	40	waveguide with (silane or silicon) with (oxide or nitride or oxynitride) and PECVD and refraction and silane and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:28
S22	3	waveguide with (silane or silicon) with (oxide or nitride or oxynitride) with ".mu.m" and PECVD and refraction and silane and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:32
S23	17	waveguide with (silane or silicon) with (oxide or nitride or oxynitride) with ".mu.m" and silane and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/04 16:32

S24	378	("siH.sub.4" or sih4 or silane or disilane or si2h4 or "si.sub.2" "h.sub.4") with (n2o or "n.sub.2" O or nitrous oxide) and refractive index and (PECVD or plasma enhanced (CVD or chemical vapor deposition))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 13:37
S25	259	("siH.sub.4" or sih4 or silane or disilane or si2h4 or "si.sub.2" "h.sub.4") with (n2o or "n.sub.2" O or nitrous oxide) and refractive index and (PECVD or plasma enhanced (CVD or chemical vapor deposition)) and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 13:37
S26	62	("siH.sub.4" or sih4 or silane or disilane or si2h4 or "si.sub.2" "h.sub.4") with (n2o or "n.sub.2" O or nitrous oxide) and refractive index and waveguide and (PECVD or plasma enhanced (CVD or chemical vapor deposition)) and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 13:37
S27	29	process with controller with continuous with discrete	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 17:50
S28	1	process with controller with continuous with discrete and deposition	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 17:51
S29	2	(process with controller with continuous with discrete).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 17:51

S30	260	(process with controller with continuous).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 17:55
S31	6	(process with controller with continuous).ab. and deposition	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 17:55
S32	171	(process with controller with continuous).ab. and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 17:56
S33	29	(process with controller with continuous with discrete)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 17:56
S34	44	(process with controller with discrete).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/05 18:07
S35	4	discrete control process	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/12 11:55
S36	14	(process with controller with discrete).ab. and power	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 11:55
S37	32	(process with controller with discrete with power)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 11:58
S38	2	process near5 controller near5 discrete near20 power	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 12:00
S39	121	process near5 controller near5 discrete	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 12:00

S40	84	process near5 controller near5 discrete and @PY< "2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 12:00
S41	1	process near5 controller near5 discrete and @PY< "2004"	USOCR	ADJ	ON	2009/08/12 12:08
S42	29	118/688.ccls.	USOCR	ADJ	ON	2009/08/12 12:56
S43	2	118/688.ccls. and discrete	USOCR	ADJ	ON	2009/08/12 12:56
S44	2	"US 20050220984"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/08/12 12:58
S45	1	discrete with power stepping	USOCR	ADJ	ON	2009/08/12 12:59

8/ 12/ 2009 6:25:12 PM

C:\ Documents and Settings\ jhorning\ My Documents\ EAST\ Workspaces\ 10817611.wsp